

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : RICOH CO LTD

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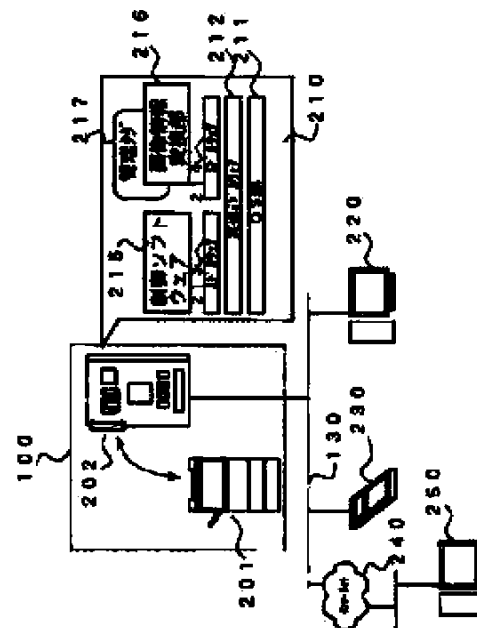
(54) IMAGE INFORMATION CONVERSION PROCESSING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an image information conversion processing system capable of acquiring utilization information safely and accurately, and coping with a conversion procedure change, by operating an image information conversion part independently in a program unit.

SOLUTION: An image information processing controller body 202 controls the operation of the image information conversion part 216 in the program unit based on a control tag 217, to thereby enable an image information conversion operation by utilizing the program efficiently. At the time of utilizing the program, accounting data corresponding to a version in each program unit and corresponding validity information are stored in an accounting information storage circuit 402 as a pair. Read accounting counter value data are enciphered based on private key data 412b and a one-way function 413b, and the validity information in a validity information memory 322 is compared with the accounting counter value data in an accounting information memory 321 enciphered based on the one-way function 413b by a

comparison circuit 433, to thereby execute normality determination thereof. Hereby, replacement or alteration of a software can be detected and removed, and highly accurate accounting management based on the correct accounting counter value data can be executed.



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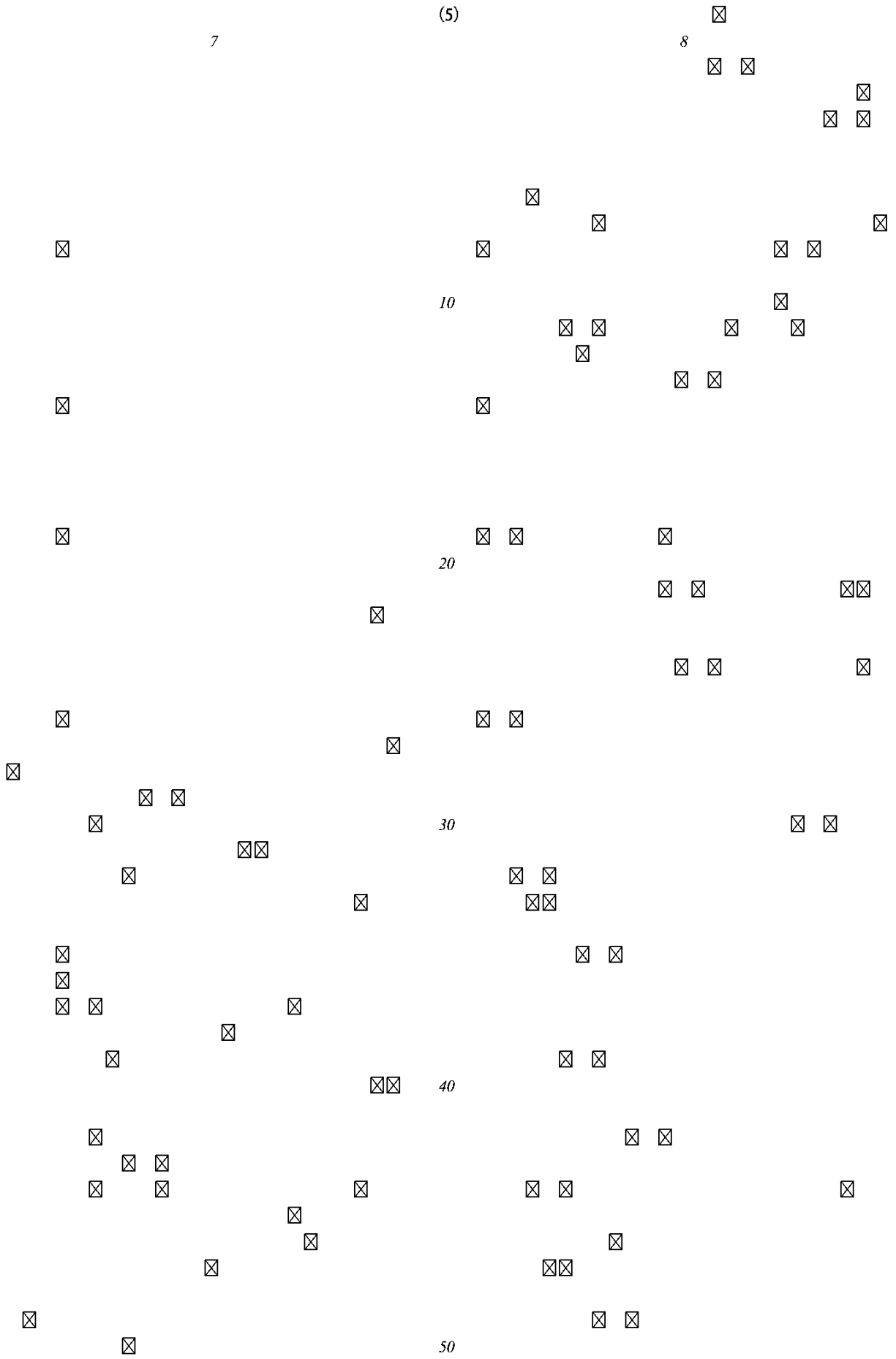
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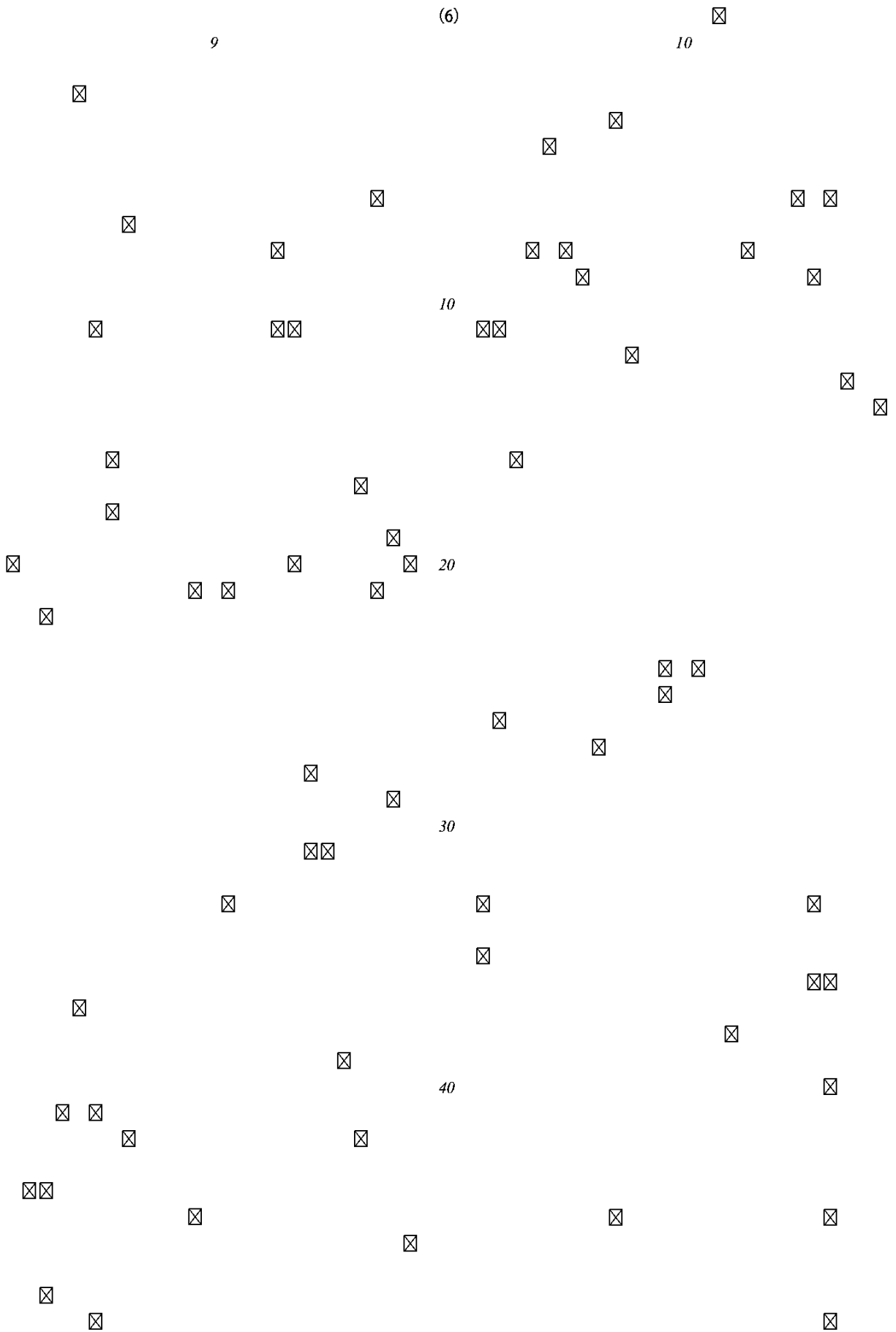
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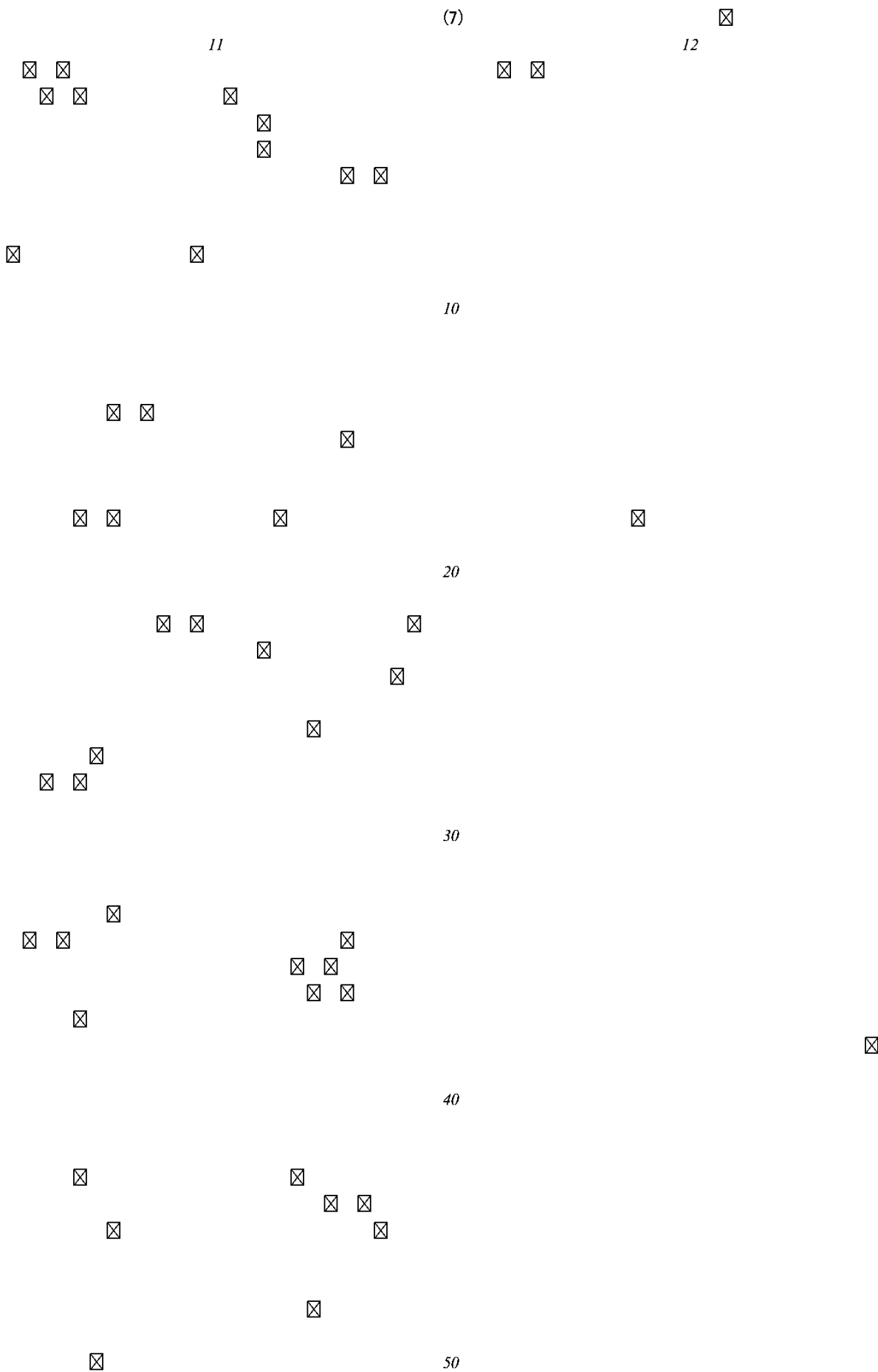


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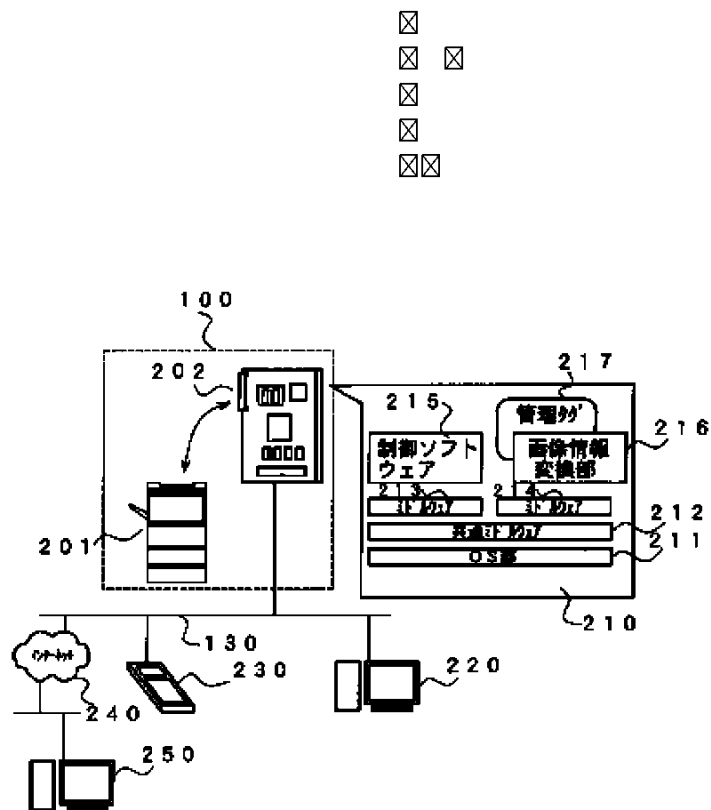


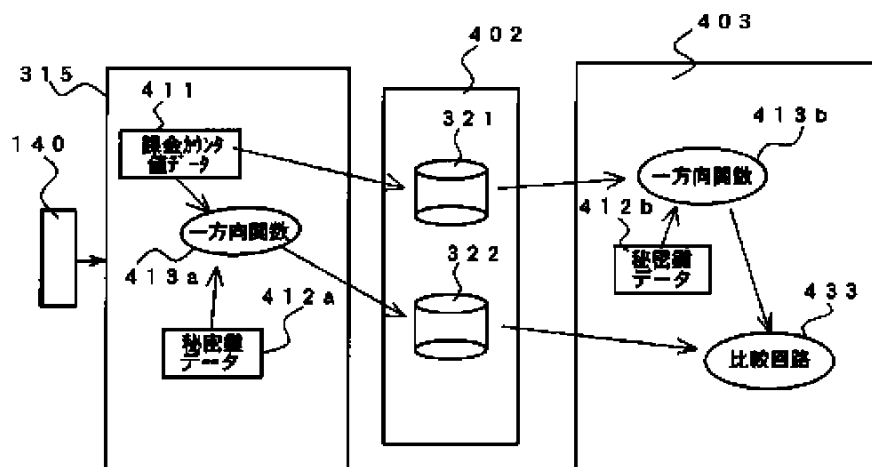
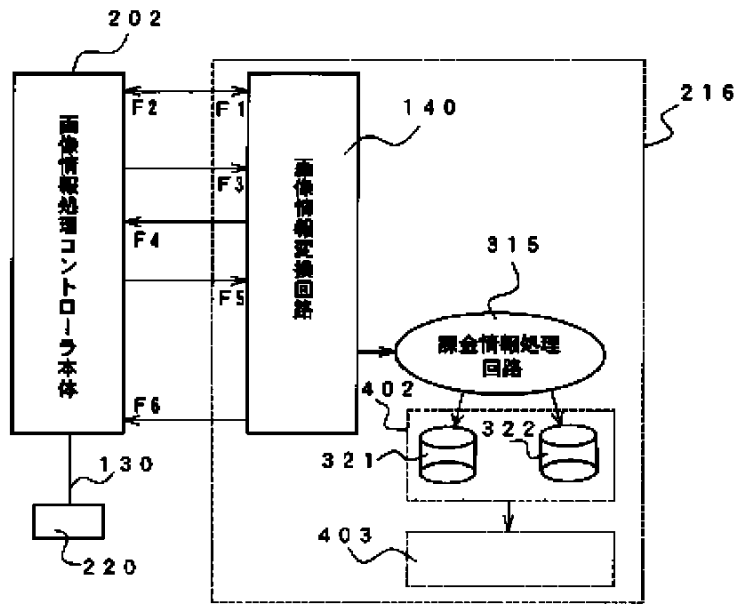


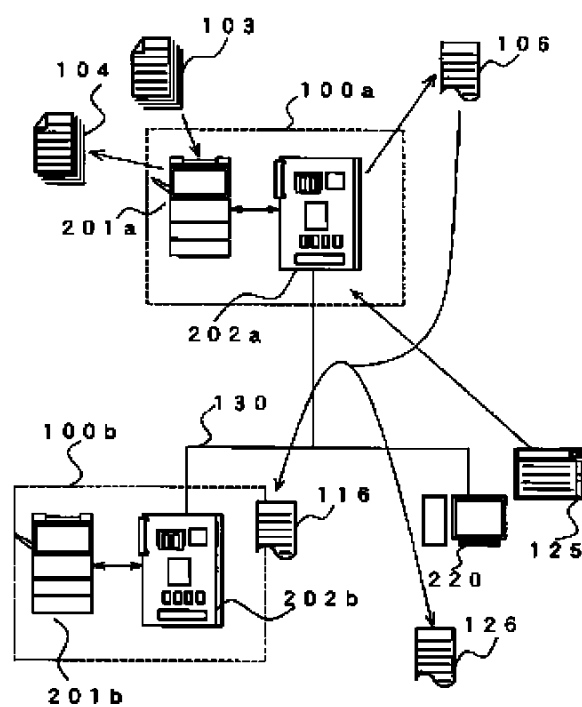
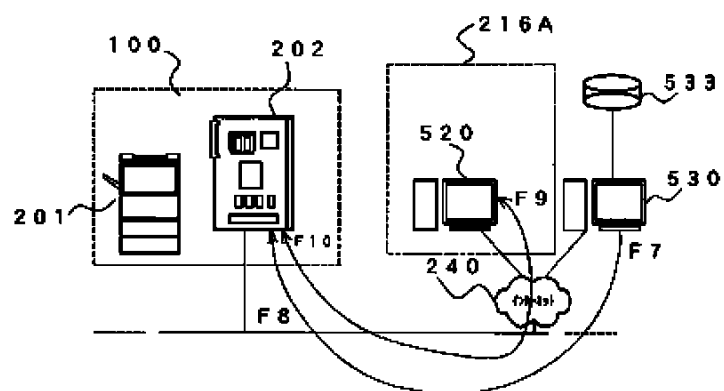
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